

32–645 Replacement of radial sealing ring of pressure oil pump

Tightening torque

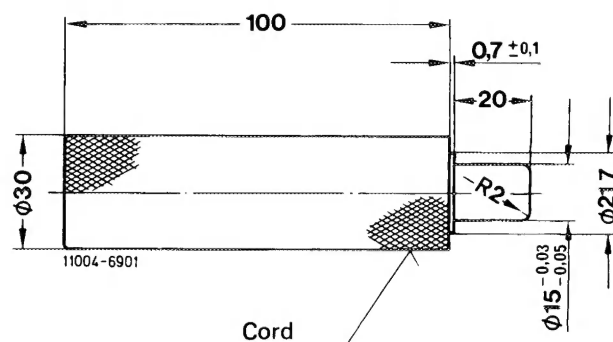
Nm

Hex. socket screws for attaching
bearing cap to pressure oil pump

9

Self-made tool

Pressing-in mandrel



Note

With two radial sealing rings installed, exchange the rings for a single double-lip radial sealing ring.

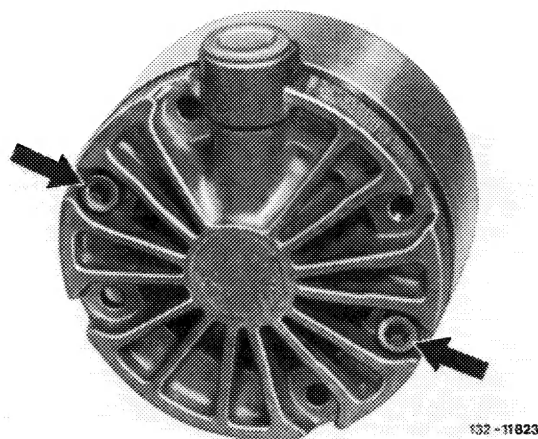
Replacement

1 Mark position of bearing cap in relation to pump housing.

Loosen both hex. socket screws and remove bearing cap.

Pull out camshaft, making sure that the steel ring for supporting pistons remains in pump.

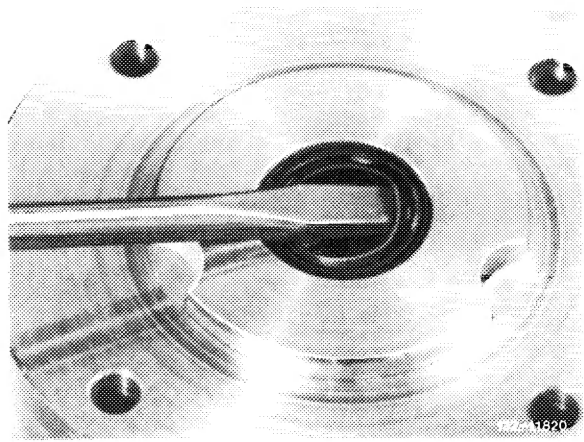
Check running surface for both radial sealing rings on shaft.



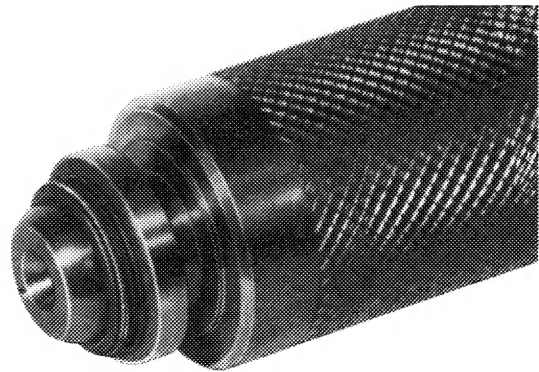
Attention!

Install radial sealing ring only when camshaft is not worn out, that is, when no wear grooves can be felt; otherwise renew pressure oil pump.

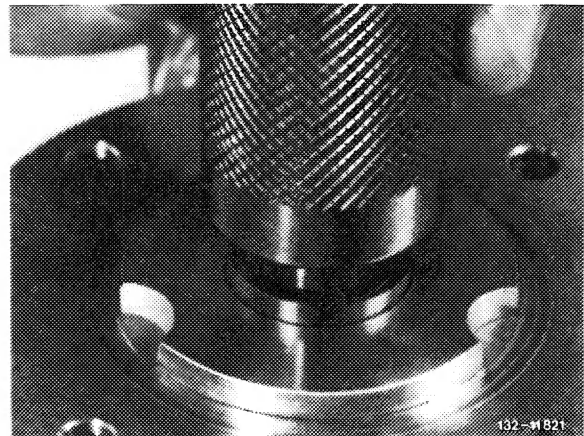
2 Push out radial sealing rings individually.



3 Provide double-lip radial sealing ring on sealing lips with oil and slip on self-made pressing-in mandrel.



4 Push-in double-lip radial sealing ring up to stop of pressing-in mandrel of pump housing.



5 Insert camshaft, while introducing shaft into sealing ring by means of a screwing motion.

6 Mount bearing cap and align according to mark.

Tighten hex. socket screw uniformly to 9 Nm.